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| Index of | Claims |
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| Application No. | Applicant(s) |  |
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| 10/606,702      | HSIAO ET AL. |  |
| Examiner        | Art Unit     |  |

| Edward J Wojciechowicz |
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|                   | ध्य             | <u> </u> | Т        |                 | ŤΠ       | П        |               |          | Η.       | 1        |   |          | Т        | Jan                                     | 1        | 1.                                      | П            |      |       |          | ╁        | 1               | - ;      |            |          | 'n       |          |          | _        |
| Final<br>Original | 1               |          |          |                 |          |          |               |          | 707      | Original |   |          |          |   |          |   |              |      | स्र   | Original | 1        |                 |          |            |          |          |          |          |          |
| Final<br>higina   | 1               |          |          |                 |          |          |               |          | Final    | 臣        |   |          | -        |   |          | 1                                       |              |      | Final | įĝ       |          |                 |          |            |          |          |          |          |          |
| 0                 | 14              |          |          |                 |          |          |               |          | -        | 0        | 1 1                                     |          |          |   |          |   |              |      | _     | Ō        |          |                 |          | -          |          |          |          |          |          |
| C1_               |                 | +        | $\vdash$ | Н               | Н        | Н        | +             | -        | _        | 51       | Н                                       |          | +        | 1                                       | -        | +-                                      | Н            |      |       | 101      | ┢        | Н               | $\dashv$ |            | Н        | Н        | Н        | $\vdash$ | Н        |
| 2                 | 1               |          | ╁        | $\vdash$        | Н        | $\vdash$ | _             | -        |          | 52       | $\vdash$                                | -        | $\dashv$ | +                                       | 1        | +                                       | Н            |      | _     | 102      | ╁╌       | $\vdash$        |          |            | $\vdash$ | Н        | Н        | $\dashv$ | ┢        |
| 3                 | 111             | _        | $\vdash$ | $\vdash$        | Н        | Н        | _             | - ∵      | -        | 53       | Н                                       | $\dashv$ | _        | 1                                       | +        | +                                       | Н            |      |       | 103      | H        | Н               |          |            | $\vdash$ | Н        | Н        | $\dashv$ | ⊢        |
| 4                 | H               | $\top$   | 1        | Н               | Н        | $\vdash$ | _             | 7        | _        | 54       | 1 1                                     | $\dashv$ | $\dashv$ | 1                                       | 1        | +                                       | Н            |      |       | 104      | Н        | Н               | -        | -          | $\vdash$ | Н        | Н        | $\dashv$ | H        |
| 5                 | 111             | 十        | 1        |                 | Н        | $\vdash$ | _             | 7        |          | 55       | Н                                       | $\dashv$ | +        | 1                                       | $\dashv$ | 十                                       |              |      | _     | 105      | Н        |                 |          |            | Н        | Н        | Н        | $\dashv$ | H        |
| 6                 | 111             | 1        | 1        | П               | Н        |          |               |          |          | 56       | $\vdash$                                | 7        | $\top$   | 1                                       |          | +-                                      | H            |      | _     | 106      | 1        | Н               |          |            | П        | Н        | Н        | $\neg$   | Г        |
| 7                 | 111             | _        | 1        |                 | П        |          | $\neg$        | 7        | $\vdash$ | 57       | Н                                       | 1        | 1        | 1                                       | $\neg$   | +                                       | H            |      |       | 107      | Н        | Н               |          | -          | П        | Н        | Н        | $\dashv$ | H        |
| * 8               |                 | $\neg$   | 1        | П               |          |          | 十             |          |          | 58       | П                                       | $\neg$   | $\top$   | 1                                       | -        | 1                                       |              |      |       | 108      |          | $\vdash$        | $\neg$   |            | П        |          | П        |          | Г        |
| 9                 | 111             | _        | 1        |                 | $\Box$   |          | $\top$        | <b>-</b> |          | 59       | Н                                       | _        |          | 1                                       | $\neg$   | +                                       | Н            |      |       | 109      | -        | Н               | -1       |            | П        | Н        | Н        | $\dashv$ | Г        |
| 10                | Ш               | $\top$   | 1        |                 | П        | $\Box$   | $\neg$        | 7        |          | 60       | Н                                       | _        | 1        | 1                                       | -        | 1                                       | Н            |      |       | 110      |          | Н               | $\dashv$ | _          | $\Box$   |          | П        | $\neg$   | Г        |
| 11                | $\sqcap$        | $\top$   | 1        | $\Box$          |          |          |               | 7        |          | 61       | 1. 1                                    | 寸        | _        | $\top$                                  | $\neg$   | 1                                       | Н            |      |       | 111      | ┢        |                 |          |            | $\Box$   | П        | П        | $\neg$   | Г        |
| 12                | П               |          | Т        | П               | $\vdash$ |          | $\top$        | 7        |          | 62       | П                                       | +        | $\neg$   | $\top$                                  | $\dashv$ | $\top$                                  | М            |      |       | 112      | Г        | М               | $\neg$   | $\neg$     | $\neg$   | П        | $\sqcap$ | $\dashv$ | Γ        |
| 13                |                 |          | Г        | П               | П        | $\neg$   | _             | 7:::     |          | 63       | П                                       | 1        | 1        | 1                                       | _        | 1                                       | П            |      |       | 113      |          | Н               |          | $\neg$     | П        | П        | Π        | $\neg$   | Г        |
| £ 14              |                 |          |          | П               |          |          | $\neg$        | 7        | <u> </u> | 64       | П                                       | $\neg$   | $\neg$   | T                                       | $\neg$   | $\neg$                                  | П            |      |       | 114      |          | П               | $\dashv$ | $\neg$     | $\neg$   | П        | $\sqcap$ | $\dashv$ |          |
| 15                |                 |          |          |                 |          | $\Box$   | $\neg$        | 7        |          | 65       | П                                       | 丁        | $\neg$   | Т                                       |          | $\top$                                  | П            |      |       | 115      |          | П               | _        | $\neg$     | $\neg$   | $\sqcap$ | $\sqcap$ | ┪        | Г        |
| 16                |                 |          | Г        |                 |          |          |               | ٦::.     |          | 66       | П                                       | $\neg$   | $\neg$   |   | $\neg$   | $\top$                                  | П            |      |       | 116      | П        | $\Box$          |          |            |          | $\neg$   | П        | $\neg$   | Г        |
| 17                |                 |          |          | П               |          |          |               | 7        |          | 67       | $\sqcap$                                | 7        |          | 1                                       | $\neg$   | Т                                       | П            |      |       | 117      |          | П               | -1       | $\neg$     | $\neg$   | $\sqcap$ | $\Box$   | 一        | Г        |
| 18                | $\Box$          |          |          | П               |          |          | $\neg \vdash$ | 7        |          | 68       | П                                       |          |          |   | $\neg$   | 1                                       |              |      |       | 118      |          |                 | $\neg$   |            | $\neg$   | П        | П        | ╛        | Г        |
| 19                | $\Box$          | $\top$   |          |                 |          |          |               | 7        |          | 69       |   | T        | 1        |   | 7        | 1                                       |              |      |       | 119      | •        |                 |          |            |          |          |          | $\neg$   | Γ.       |
| 20                |                 |          |          | П               |          |          |               | 7        |          | 70       | П                                       | $\neg$   |          |   | $\neg$   | $\top$                                  |              |      |       | 120      | Г        |                 |          |            | $\neg$   | П        | П        | $\neg$   | Г        |
| 21                |                 |          | Γ        | П               |          |          | $\neg$        | 7:::     |          | 71       | П                                       |          | T        | T                                       |          | $\top$                                  |              | :::1 |       | 121      | П        |                 |          |            | $\Box$   |          |          | ┑        | Г        |
| 22                |                 |          |          |                 |          |          |               | 78       | Г        | 72       | П                                       | $\neg$   | Т        |   | Т        | Т                                       | $\Box$       |      |       | 122      |          |                 |          |            | П        |          | П        | ヿ        |          |
| 23                | $\Box I$        | Т        |          |                 |          |          |               | ]:::     |          | 73       |   |          |          |   |          |   |              |      |       | 123      |          | П               |          |            |          |          | $\sqcap$ | $\neg$   | Π        |
| 24                | 1               |          |          |                 |          |          |               |          |          | 74       |   |          |          |   |          |   |              |      |       | 124      |          |                 |          |            |          |          |          |          |          |
| 25                | 4               |          |          |                 |          |          |               |          |          | 75       |   |          |          |   |          |   |              |      |       | 125      |          |                 |          |            |          |          | П        |          |          |
| 26                |                 |          |          |                 |          |          |               |          |          | 76       |   | $\Box$   |          | П                                       |          |   |              |      |       | 126      |          |                 |          |            | П        |          |          | $\Box$   |          |
| 29<br>28<br>29    |                 |          |          |                 |          |          |               |          |          | 77       |   |          |          |   |          | 11                                      |              |      |       | 127      |          |                 | $\neg$   |            | П        | П        | П        | $\neg$   |          |
| 28                |                 |          |          |                 |          | $\Box$   |               |          |          | 78       |   |          | $\Box$   |   |          | П                                       |              |      |       | 128      |          |                 |          |            | П        |          |          | $\neg$   |          |
| 49                |                 |          |          |                 |          |          |               |          |          | 79       |   |          |          |   |          |   |              |      |       | 129      |          |                 |          |            |          |          |          | $\Box$   |          |
| 370               |                 | $\bot$   |          |                 |          |          |               |          |          | 60       |   |          |          |   |          |   |              | [    |       | 130      |          |                 |          |            | $\Box$   |          |          | $\Box$   |          |
| \$1               |                 |          |          |                 |          |          |               |          |          | 81       |   |          |          |   |          |   |              |      |       | 131      |          |                 |          |            | $\Box$   |          |          |          |          |
| 32                | Ш               |          | Ш        | Ш               |          | _        |               | 1        |          | 82       |   | _        |          |   |          | $\perp$                                 | Ш            | 11   |       | 132      |          | Ц               |          |            | $\Box$   |          |          |          |          |
|                   | -               | _        | $\vdash$ | Ш               | _        | _        |               | 4:::     |          | 83       | Ш                                       | _        |          | Ш                                       |          | 4_                                      | Ш            | ::   |       | 133      |          |                 |          |            | _        | _        | $\sqcup$ | _        | _        |
| 34                | $\vdash$        |          |          | Щ               | _        | _        | _ _           | 4        |          | 84       | $\sqcup$                                | 4        | _ _      | Ш                                       |          | 4                                       | Ш            |      |       | 134      | Ш        | Ш               | _        | _          | _        |          | Ц        | _        | _        |
| 35                | $\vdash$        | +        | _        | $\sqcup$        | _        | $\dashv$ |               | 4        |          | 85       | $\sqcup$                                | _        | $\dashv$ | $\sqcup$                                |          | 4                                       | Щ            | :::  |       | 135      | Ш        | Ш               | _        | _          | $\dashv$ | _        | _        | _        | <u>_</u> |
| 36                | $\vdash \vdash$ |          |          | $\vdash$        | 4        | $\dashv$ |               | 4:::     |          | 86       | $\vdash$                                | -        |          | $\vdash$                                | -        | -                                       | Ш            | ::   |       | 136      | Щ        | Ш               | _        | _          | $\dashv$ | _        | ⊣        | _        | _        |
| 37                | $\vdash \vdash$ |          | $\vdash$ | $\vdash$        | _        | _        | -             | 4:::     |          | 87       | ${oldsymbol{\sqcup}}$                   | -        | - -      | ╀┤                                      | +        | 4-                                      | $\sqcup$     | ::   |       | 137      | $\vdash$ | $\sqcup$        | _        | _          | _        | _        | _        | _        | _        |
| 38                | ⊢∔              | - -      |          | $\vdash \vdash$ | _        | -        | +             | 4        |          | 88       | $\sqcup$                                | +        |          | $\vdash$                                | -        | 4                                       | Щ            |      |       | 138      | Ш        | $\sqcup$        | _        | _          | -        | _        | _        | 4        |          |
| 39                |                 | +        | $\vdash$ | $\vdash \vdash$ |          | $\dashv$ |               | - :::    |          | 89       | $\vdash \vdash$                         | +        | -        | $\vdash$                                | -        | +                                       | Н            | 4    |       | 139      | Н        | $\vdash \vdash$ |          | -          | $\dashv$ |          | _        | 4        | _        |
| 40                | $\vdash \vdash$ | +        | Н        | $\vdash$        | -        | -        | -             | - :::    | _        | 90       | $\vdash \vdash$                         | +        | +        | H                                       | +        | ╅╾┤                                     | Н            | -    |       | 140      | $\vdash$ |                 |          | -          | -+       | -        | $\dashv$ | -4       | _        |
| 41                | $\vdash$        | -        | $\vdash$ | $\vdash \vdash$ |          | -        | -             | -        |          | 91       | $\vdash$                                |          |          | $\vdash$                                |          |   | H            | ::   |       | 141      | $\vdash$ | -               | -        | _          | -        | $\dashv$ | 4        | -        | _        |
| 42                | $\vdash$        |          | $\vdash$ | $\vdash$        | -        | -        |               | -[       |          | 92       | $\vdash$                                | +        | +-       | $\vdash$                                |          | -                                       | $\vdash$     | ::   |       | 142      | Н        |                 |          | <u>—</u> ļ | -        | $\dashv$ | -        | 4        | _        |
| 43                | -               | +-       | $\vdash$ | $\dashv$        | -        | $\dashv$ | +             | -{:::    |          | 93       | $\vdash \vdash$                         | +        | -        | H                                       | +        | 7                                       | $\vdash$     | ::   |       | 143      | Ľ        |                 |          |            | -        | -        | -1       | 4        | _        |
| 44                | $\vdash +$      |          | Н        | $\vdash \vdash$ | -        | }        |               | - :::    |          | 94       | $\vdash \vdash$                         | +        | +-       | $\vdash$                                | +        | +-                                      | Н            | -    |       | 144      |          | -               |          |            | $\dashv$ |          | -+       | -4       |          |
|                   | $\vdash$        | +        |          | $\vdash$        | -        | -        | - -           | -        | -        | 95       | $\vdash \vdash$                         |          | +        | Н                                       | $\dashv$ | +                                       | $\dashv$     | ::   |       | 145      | H        | $\dashv$        |          |            |          | $\dashv$ | $\dashv$ | -        | _        |
| 46                | $\vdash$        |          | Н        | $\vdash$        | -        | $\dashv$ | -             | -[::::]  | -        | 96       |   | -        | - -      | $\vdash$                                | -        | +                                       | $\vdash$     | ::   |       | 146      | H        | $\dashv$        | -        |            |          |          | $\dashv$ | 4        | _        |
|                   | ⊢⊦              | +-       | Н        | $\vdash \vdash$ | +        | +        |               | -        |          | 97       | $\vdash$                                | +        | +        | $\vdash$                                | +        | +                                       | H            | ::}  |       | 147      | Н        | $\dashv$        |          |            | -        |          | -        |          | _        |
| 48                | $\vdash \vdash$ | +-       | $\vdash$ | $\vdash$        | $\dashv$ | -        |               | - :::    |          | 98       | $\vdash \vdash$                         | +        | +-       | $\vdash$                                | -        | +-                                      | $\mathbf{H}$ | ::}  |       | 148      | Н        | $\dashv$        |          |            | $\dashv$ |          | -1       | -        | _        |
| 49<br>50          | $\vdash$        | +        | H        | $\vdash$        | -        | +        |               | -        |          | 99       | $\dashv$                                | +        |          |   |          | +                                       | $\vdash$     |      |       | 149      |          |                 | -        |            | $\dashv$ | -        | 4        | -4       | _        |
|                   | Щ.              |          | ш        | Щ.              |          |          | _1_           | _:::::   |          | 100      | لبـــــــــــــــــــــــــــــــــــــ |          |          | لــــــــــــــــــــــــــــــــــــــ | L_       | نــــــــــــــــــــــــــــــــــــــ | السا         | ٠٠٠Ł |       | 150      |          |                 | _1       | _          | 1        |          |          | 1        |          |